

<p>Uralova, V. S. COLDMYCIN-RESISTANT FORMS OF BRUCELLA MELITENSIS. [1963] [12p] Brd's PASEB manuscript no. S 183-3. Order from OTS, SLA, or ETC \$1.00 TT-64-13504</p> <p>Trans. of Antibiotiki (USSR) 1963, v. 8, no. 1, p. 49-53.</p> <p>DESCRIPTORS: *Colimycin, *Brucella, Drugs, Antibiotics, Sensitivity,</p> <p>(Biological Sciences--Pharmacology, TT, v. 11, no. 8)</p>	<p>PB- TT-64-13504</p> <p>I. Uralova, V. S. II. PASEB-S-183-3 III. Federation of American Societies for Experimental Biology, Washington, D.C. IV. Scripta Technica, Inc., Washington, D.C.</p> <p>Office of Technical Services</p>
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<p>Chakrava, O. V. PENETRATION OF ANTIMOTICS INTO HISTIOCYTIC MACROPHAGES AND THEIR EFFECT ON PHAGOCYTIZED BACTERIA. [1963] [12p] 1974 FAIRIS manuscript no. 8 184-3. Order from OTS, SLA, or ETC \$1.60 TT-64-13503 Fig., available on loan from OTS Trans. of #Antibiotiki (USSR) 1963, v. 8, no. 1, p. 53-57.</p> <p>DESCRIPTORS: *Absorption (Biological). *Antimotics, *Antibacterials system. Drugs. Bacteria. Phagocytosis. Penicillins. Streptomycin.</p> <p>(Biological Sciences--Pharmacology, TT, v. II, no. 9)</p>	<p>TT-64-13503</p> <p>I. Chakrava, O. V. II. FAIRIS-S-184-3 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D.C.</p> <p>Office of Technical Services</p>
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<p>Kashakov, P. D., Efimov, N. O., and Khokhlov, A. S. CHROMATOGRAPHIC COMPARISON OF POLYMYCIN WITH CERTAIN STREPTOTHRUCIN ANTIMOTICS. [1963] 8p. Order from ATS \$7.65                           ATS-69Q59R</p> <p>Trans. of <u>Antimoch</u> (USSR) 1963, v. 8, no. 1. p. 104-110.</p> <p>DESCRIPTORS: *Antibiotics, *Chromatographic analysis, Drugs, *Streptomycines.</p> <p>(Biological Sciences--Pharmacology, TT, v. 10, no. 8)</p>	<p>63-17756</p> <p>1. Title: Polymycin 2. Title: Streptothricins I. Kashakov, P. D. II. Efimov, N. O. III. Khokhlov, A. S. IV. ATS-69Q59R V. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>	
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Egorov, G. N.

THE DYNAMICS OF THE CHANGES IN THE TISSUE  
OXIDATION-REDUCTION PROCESSES AFTER  
PARENTERAL ADMINISTRATION OF STREPTOMY-  
CIN. [1963] [top] brief FASTB manuscript no. 5 286-3.  
Order from OTS, SLA, or ETC \$1.10 TT-63-24501

Transl. of "Makrobiol (USSR) 1963, v. 8, no. 2,  
p. 144-147. (Abstract available)

DESCRIPTORS: \*Oxidation-reduction reactions,  
Tissue (biology), Drugs, Antibiotics, "Streptomycin,  
"Parenteral infusions, "Cytochrome oxidase.

A decrease in the dehydrating capacity of tissues and  
an increase of the activity of tissue cytochrome oxidase  
were observed after a triple parenteral administration of  
streptomycin sulfate (25 units/g once a day) to healthy  
white mice. The increase can be considered as a com-  
(Biological Sciences--Pharmacology, TT, v. II, no. 4)

TT-63-24501

- I. Egorov, G. N.
- II. PASEB-S-286-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Therapeutic Effect of *Neosyceia* in Experimental  
Tularemia, by E. M. Tsvetkova.  
RUSSIAN, per, Antibiotik, Vol VIII, No 2, 1963, pp 152, 153.  
9220002

UNDA Tx NK V-1897

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Mar 64

225-282

Changes in Sensitivity of Coli-enteritis Pathogens  
to Antibiotics and Nitrofurans in Dnepropetrovsk  
in 1956-1961, by A. D.K. Kovalenko, N. P. Gamalei, 9 pp.

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CIA/FDD IX-1457  
No Foreign Dissem

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A Study of Chlorotetracycline Drugs by the  
Method of Countercurrent Distribution, by  
V. M. Baikina, V. D. Korchagin, <sup>pp.</sup>

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ADS RJ-4172  
*n 77672*

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Dec 63

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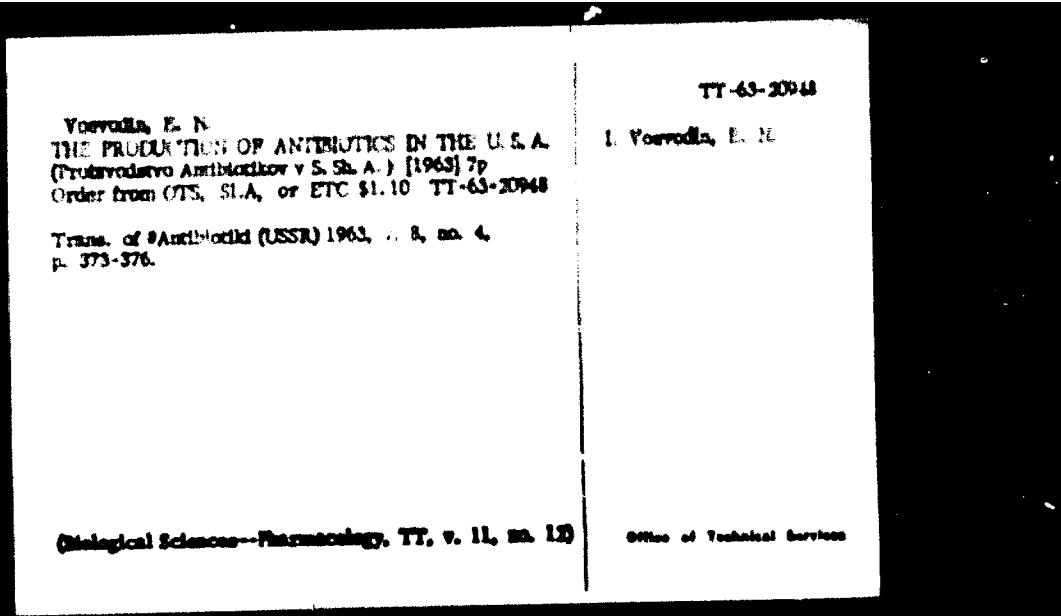
Fractionation of Albofungin and the Antibiotic No. 660-  
15, by G. S. Rozenfeld, 12 pp.  
RUSSIAN, per, Antibiotiki, Vol 8, No 4, 1963,  
pp 320-326.  
NTIS TT 70-57136

Apr 72

Contraform Action of Colingrad, by  
S. I. Zolotukhin.  
RUSSIAN, per, Analystika, Vol 8, No 6,  
1963, pp 354-356.  
NEW MDH  
9-7-68

Scd/DW  
Nov 68

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MOROV, A. F. and SHIBAEVA, L. V.  
DEVELOPMENT OF BACTERIAL RESISTANCE TO  
THE ERYTHROCYTIN GROUP OF ANTIBIOTICS  
[1963] [ISp]  
FASEB manuscript no. S-546-1  
Order from OTS, SU, 1715 31st St., TT-64-13433  
Trans. of Antibiotiki (U.S.S.R.) 1963, v. 8, no. 4,  
p. 449-456.

(Biological Sciences--Pharmacology, TT, v. 11, no. 11)

TT-64-13433

I. Morov, A. F.  
II. Shibaeva, L. V.  
III. FASEB-S-546-1  
IV. Federation of American  
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ington, D. C.  
V. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Certain Peculiarities of the Adaptation Process to  
Streptomycin in Various Strains of *Pasteurella*  
*Pestis* on Nutrient Media, 9 pp.  
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pp 444-449. 9222786  
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Sensitivity of *Staphylococci* Isolated in Kiev in 1961-1962,  
to Certain Antimicrobial Drugs, by T. M. Basa, 10 pp.  
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Nucleotide Composition of a Penicillin-Resistant  
Staphylococcus Albus, by V. V. Ignatov. 8 pp.  
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SLA TT-64-19247

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Comparative Efficacy of Erythromycin Base and  
Erythromycin Ascorbate in Experimental Meningitis,  
by V. F. Imshenetskaya. 7 pp.  
RUSSIAN, per, Antibiotiki, Vol 8, No 6, 1963,  
pp 533-535.  
SLA TT-64-19219

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Effect of Antibiotics on the Lymphoid Organs of  
Experimental Animals, by V. I. Goncharova. 12 pp.  
RUSSIAN, per, Antibiotiki, Vol 8, No 7, 1963,  
pp 604-609.  
SLA TT-64-19292

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Tissue Culture Investigation of Antivirus Properties of Actinomycetes Isolated From Ukrainian Soil, by N. M. Ozeryanskaya, N. A. Zadorozhnaya.  
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THE USE OF TETRACYCLINE ANTIBIOTICS IN EXPERIMENTAL  
RADIATION SICKNESS, BY A. M. DUMOVA, O. O. CHIRKOVA,  
9 PP.

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PP 723-728.

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THE TRANSPLACENTAL SIDE-EFFECTS OF  
TETRACYCLINES ON THE RABBIT FETUS. (1963)  
Sp  
Order from ATS \$6.95                           ATS-56Q72R

Transl. of Antibiotiki (USSR) 1963, v. 8, no. 8,  
p. 729-732.

DESCRIPTORS: "Toxicity," "Placenta, Drugs,"  
"Embryos, Rabbits," "Tetracyclines."

(Biological Sciences - Pharmacology, TT, v. 11, no. 3)

TT-64-12065

I. Bartalays, A. I.  
II. Prokhorova, A. M.  
III. ATS-56Q72R  
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Characteristics of Distribution of Antibiotics  
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Antimicrobial Activity of Phytonecidin, a medicinal Preparation From Garlic, by M. Ya. Sivak,  
N. A. Argudayeva. (NY-7880)

RUSSIAN, per, Antibiotika, Vol VI.1, No 9, 1963,  
pp 832-833.

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The Role of Hydrogen Ion Concentration in Studying  
the Phytoncidal Effect of Tissue Juices, by  
R. P. Firchuk. (NY-7880)

RUSSIAN, per, Antibiotika, Vol VIII, No 9, 1963,  
pp 833-835.

\*JPRS

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The Production and a Comparative Study of  
the Racemate and the Stereoisomers of  
Cycloserine, by G. Ya. Kivman and  
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1963, pp. 845-859.  
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(on Loan or Purchase)

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RISTOMYCIN, A NEW ANTIBIOTIC FOR INTRAVENOUS  
INJECTION (STUDY OF ITS CLINICAL AND PHYSIOLOGICAL  
EFFECTS ON PATIENTS WITH SEVERE INFECTIONS), BY  
I. G. RUFANOV, YE. A. GOVOROVICH, ET AL., 5 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII, NO 3, 1963,  
PP 836-839.

JPRS 21802

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A Comparative Study of Neomycin, Colimycin and  
Mycerin by the Counter-current Distribution  
Method, by V. M. Ba'kina, S. M. Mamiofe, T. N.  
Rozanova, Z. T. Sinitina, M. D. Slugina, N. B.  
Dzegilenko, 8pp  
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pp 1059-1064  
SIA TT-64-16109

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May 67

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Use of Aqueous Solutions of Polyvinylpyrrolidone to Prolong the  
Action of Penicillin and Streptomycin, by A. V. Kotchekova,  
G. B. Berkengaym, et al, 8 pp.

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JPRS 22754

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R-8765-D  
6 Oct 67

Title: On the Dynamics of Morphological Changes in the  
Quinea Pig Organs After Administration of  
Penicillin

By: Sevcrova  
From: Antibiotiki, y: pp 44-48, 1964

Russian - Est. for. wds.:

Please translate and type 1 camera ready copy.  
Document can be cut. Please make cover as sample  
attached. T-559-1

S-644/64

Symposium on Aerosols, by S. I. Eidel'shteyn.  
(AP-7/0 ) SF - 323/  
RUSSIAN, per, Antibiotiki, Vol IX, No 5, 1964,  
pp 472-475.

\*JPRS

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Gkmolin Salt of Phenoxymethylpenicillin,  
by E. I. Bishara, Yu. N. Lazarev, 8 pp.  
RUSSIAN, per, Achnikoski, Vol IX, No 5, 1964,  
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Symposium on Astronautics, by S. I. Kudashov, 3 pp.  
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JPRS 25486

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The Influence of Adrenalin on Function of  
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by N. A. Ozarkovskiy, 7 pp.  
RUSSIAN, per, ADRIENAL, Vol IX, No 6, 1964,  
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The Antibacterial Action of Tetracyclines and  
Furacillin, Individually and Combined, on *Bacillus*  
*Dysenteriae* Soms and Weizner in "In Vitro"  
Experiments, by M. A. Kinsel'blit, 8 pp.  
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Quantitative Determination of 6-Azauracil  
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The Problem of the Continuous Cultivation of  
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Further Experiments on Chemotherapy in the  
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New Method of Isolating Fumagillin Potassium  
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NRC/C-53<sup>25</sup>

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335-571

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6 Oct 67

Title: The Effect of Penicillin on the Content of Nucleic  
Acids in Vital Organs in Experimental  
Streptococcal Infection

By: Zakhrova  
From: Antibiotiki, , 9:pp 646-648, 1964

Russian - Est. for. wds.:

Please translate and type 1 camera ready copy.  
Document can be cut. Please make cover as sample attached.  
T-557-1

Radiation Sterilization of Preparations of the  
Tetracycline Group and of Some Other Antibiotics,  
by V. I. Pochapinskiy, et al, 7 pp.

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Xxxxxxx 272,091

Bacteriophage Sterilization With Gamma-Radiation  
of Radioactive Cobalt ( $\text{Co } 60$ ), by S. M. Chaykovskaya,  
et al.

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Biochemical Mechanisms of the Antibiotic Action  
by F. G. Gauze, 7 pp.

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1964, pp 946-950.

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Sci-Biol&Med  
Jan 65

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A Study of Green Pigments From Some Actinomycetous Species by the Method of Paper Chromatography, by T. P. Preobrazhenskaya RUSSIAN, per, Antibiotikiy, Vol. 9, no. 11 1964, pp. 963-970.  
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Mar 70

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Antibiotics - Experimental Clinical Study, by Z. V.  
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<p>Gorodetskaya, A. V. EXTRACTION METHODS FOR THE PURIFICATION OF ANTIBIOTICS (Ekstraktionskiye Metody Ochistki Antibiotikov) tr. by R. Crawford. [1961] [27]. 65 refs. [NBS] no. 6. Order from OTS or SLA \$2.60</p> <p>62-15156</p> <p>Trans. of Antibiotiki. Sborniki Perevodov. Obzorov i Referatov Inostrannoy Periodicheskoy Literatury (USSR) 1955, v. 8 [no. 1] p. 3-13.</p> <p>DESCRIPTORS: *Antibiotics, Purification, Solvent extraction.</p> <p>Literature of non-Soviet commercial undertakings (patents, etc.) is reviewed.</p> <p>(Biological Sciences--Biochemistry, TT, v. 7, no. 12)</p>	<p>62-15156</p> <p>I. Gorodetskaya, A. V. II. NBS-6 III. Pergamon Inst. (O. Brit.)</p> <p>Office of Technical Services</p>	
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<p>Roussetova, Ya. L THE PHAGE PROBLEM IN THE PRODUCTION OF ANTIBIOTICS (Problema Fagii v Antibioticheskoi Promyschlennosti) tr. by R. Crawford (1961) [22]p. 31 refs. [NBS] 8. Order from OTS or SLA \$2.60 63-15154</p> <p>Trans. of Antibiotiki. Sborniki Perevodov, Obsorov i Referativov Issledovaniy Periodicheskoi Literatury (USSR) 1955, v. 8, [no. 4] p. 3-11.</p> <p>DESCRIPTORS: *Bacteriophages, *Culture media, Viruses, Ags, *Bacteria, Lyses, *Antibiotics, Production.</p> <p>A literature survey.</p> <p>(Biological Sciences--Microbiology. TT, v. 8, no. 3)</p>	<p>63-15154</p> <p>I. Roussetova, Ya. L II. NIH-8 III. Pergamon Int. (Okt. Brit.)</p> <p>Office of Technical Services</p>	
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Antimatter, by N. A. Vlasov,  
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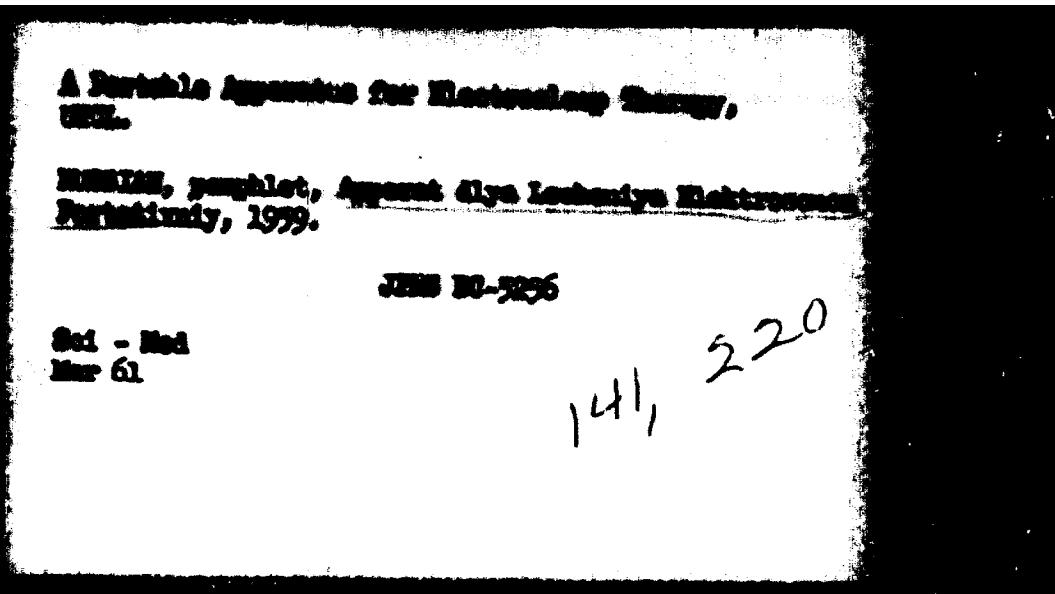
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Klepa, Jiri Seitz, 16 pp.

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Instruments for Radiometry in Gaseous and Liquid Media, by M. N. Pechnikov, K. P. Martov, et al.  
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During Tests of Rockets, by  
A. V. Kantor, 689 pp.  
Moscow, bk, Aparatura i Metody  
Izmereniy Pri Ispytaniyakh Raket,  
Moscow, 1963, pp. 1-520. 9698541-V  
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SEISMOGRAPHS OF INCREASED SENSITIVITY, BY  
D. P. KIRNOS, A. G. MOSKVINA, 11 PP.

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JPRS 17189

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FDD/DC-8839

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Telemetering Apparatus with Digital Reading  
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Telemetry Equipment with Digital Reading, by  
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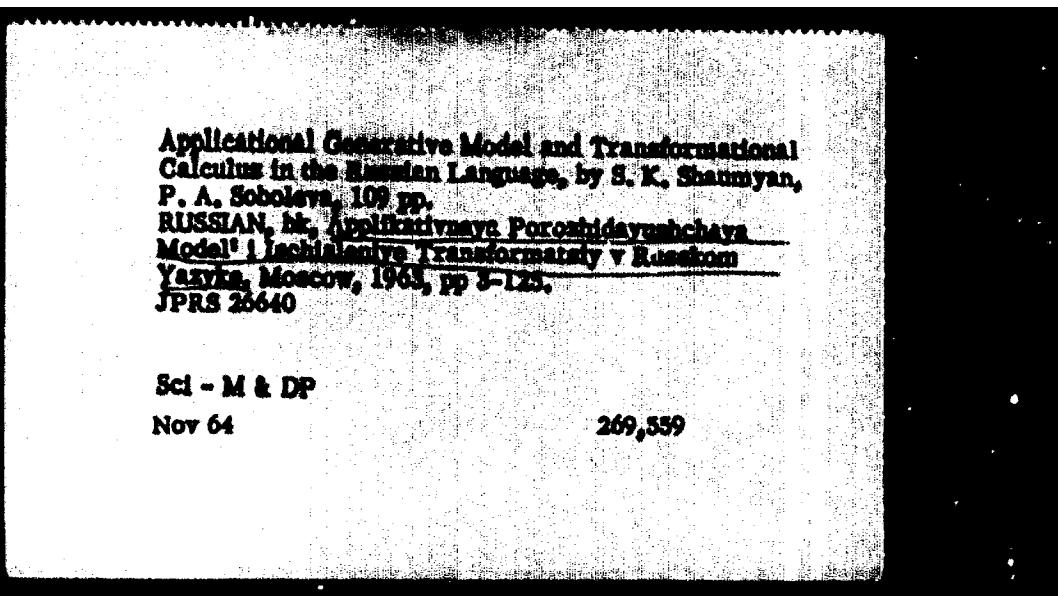
JPRS 7157

Sci - Electron

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Dec 60

<p>Germanov, M. M APPARATUS ENABLING ORDINARY PRINTED TEXT TO BE READ BY THE BLIND (POLYPHONIC AND TACTILE) Apr 01 (17p. 8 refs. RTS 183). Order from OTS or SLA \$1.00 61-19804</p> <p>Trans. of mono. Apparatus dlya Chteniya Shrifta Osnushchego Tvorcheskogo Tchasta (Polifonicheskive i Taktile) Izdatelstvo 144.</p> <p>DESCRIPTORS: *Reading machines, *Blindness, *Electronic equipment, *Photoclectric cells, Electronic scanners.</p> <p>(Engineering--Electronic, TT, v. 6, no. 2)</p>	<p>61-19804</p> <p>I. Germanov, M. M II. RTS-1823 III. Department of Scientific and Industrial Research (Gr. Brit.)</p> <p>100-1311-1</p> <p>Office of Technical Services</p>
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(RDD 27637)

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CIA/RDD 8-0507

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Med - Medicine, pharmacology

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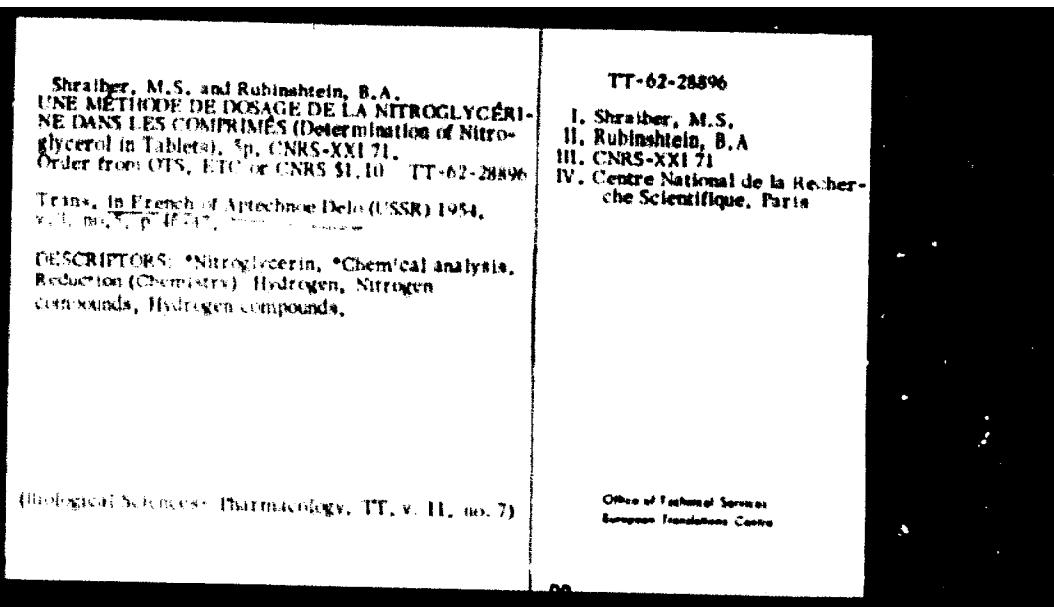
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